

Abstract of the Disclosure

The precision of a micromagnetization analysis is improved. Parameters of the micromagnetization assigned to the center of a divided microelement and the vector potential assigned to a side or a node of the element are received in procedure 1. A magnetic field equation which supplies an external magnetic field for micromagnetization is generated in procedure 2. A solution of the magnetic field equation is obtained in display 3. A time integral of a LLG equation is obtained using the solution in procedure 4. It is determined in procedure 5 whether or not the micromagnetization obtained in procedure 4 satisfies a convergence condition. When it is not satisfied, a magnetic field equation is corrected and a time is stepwise increased in procedure 6, and the procedures in and after procedure 3 are repeated.